



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D139-799-211
Job Sheet 180829



Part No: D139-799-211

Job Qty: 1 ea

Part Name: Quick Release Maintenance Step, LH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/17/18

Job Tracking No:

Due Date: 8/8/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG DSI9761 REV A, IIN-D139-799 REV O IPP REV:A NEW ISSUE 15-07-08 JLM VERIFIED BY:DD IPP
REV:B as per NCR16-5959 DD VERIFIED BY:JLM IPP REV:C 16.10.26 as per DSI9761 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup	Run	Workcenter / Supplier			
					hrs	Hrs				
90	Start up Operation	1 Ea	8/8/18	8/8/18	0.00	0.00	Start Up Stores/Pkg-1			JUL 31 2018
110	Packaging	1 pcs	8/8/18	8/8/18	0.00	0.00	Packaging1-1			JUL 31 2018
120	QC	1 pcs	8/8/18	8/8/18	0.00	0.00	QC4			JUL 31 2018
125	DC	1 pcs	8/8/18	8/8/18	0.00	0.00	DC			JUL 31 2018
130	Packaging	1 pcs	8/8/18	8/8/18	0.00	0.00	Packaging3-1			JUL 31 2018
140	QC21-FG	1 Ea	8/8/18	8/8/18	0.00	0.00	QC21			JUL 31 2018

Part Op 125 - Photocopy bluefile & type labels per PPP D139-799-211

Descriptions: 130 - Identify and pack for shipping as per PPP D139-799-211 Location:

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN6H12A	Bolt	2 Ea (2 ea)	90-Start up Operation	5000669
AN6H13A	Bolt	1 Ea (1 ea)	90-Start up Operation	5006336
D5238-041	Maintenance Step Assembly	1 Ea (1 ea)	90-Start up Operation	5004258
D5238-043	Lower Bracket, Aft	1 Ea (1 ea)	90-Start up Operation	7164881
D5238-045	Lower Bracket, Fwd	1 Ea (1 ea)	90-Start up Operation	5095099
D5245-1	Mounting Bolt	1 Ea (1 ea)	90-Start up Operation	7164882
D5245-7	Mounting Bolt	1 Ea (1 ea)	90-Start up Operation	7166090
NAS1149D0663J	Washer	5 Ea (5 ea)	90-Start up Operation	5043782

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN6H12A	2	13	0
	AN6H13A	1	36	0
	D5238-041	1	0	0
	D5238-043	1	1	0
	D5238-045	1	0	0
	D5245-1	1	1	0
	D5245-7	1	4	0
	NAS1149D0663J	5	519	0

Part Specifications

QA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description		Disposition			
Dart Aerospace Ltd. 1270 Aberdeen Street Newmarket, ON N8A 1K7 CANADA TEL: 1 813 632-5200 Email: sales@dartaero.com www.dartaerospace.com Container No: S097875 Part: D139-799-211 Job No: 180829 Serial No/Batch: S097875 Revision: A/O Inspector: Exp Date: Instructions: FAA STC SR02138SE 15/08/2023/STC LoA C-11-0841 11/11/14		s/Surge ram ock Pulled quence Container No: S097875 Part: D139-799-211 Job No: 180829 Serial No/Batch: S097875 Revision: A/O Inspector: Exp Date: Instructions: FAA STC SR02138SE 15/08/2023/STC LoA C-11-0841 11/11/14			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-ve ☐ Operator ☐ Offset/Se ☐ Supplier ☐ Training ☐ Use for T ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Specifications could not be found.

Plex 7/17/18 10:09 AM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐			FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
OTHER :					

5.0 PARTS LIST

Qty -011	Qty -012	Qty -017	Qty -019	Qty -112	Qty -211	Qty -212	Qty -213	Part Number	Description
X								D139-799-011	MAINTENANCE STEP KIT, LH
	X							D139-799-012	MAINTENANCE STEP KIT, RH
		X						D139-799-017	CARGO FLOOR PROTECTOR KIT
			X					D139-799-019	CABIN FLOOR PROTECTOR KIT
				X				D139-799-112	MAINTENANCE STEP WITH GRAB BAR KIT, RH
					X			D139-799-211	QUICK RELEASE MAINTENANCE STEP KIT, LH
						X		D139-799-212	QUICK RELEASE MAINTENANCE STEP KIT, RH
							X	D139-799-213	QUICK RELEASE MAINTENANCE STEP PROVISIONS KIT
		4						D3580-1	JOGGLE BRACKET
		2	8					D3628-1	CUPPED WASHER
1								D4092-041	MAINTENANCE STEP ASSEMBLY
	1							D4092-042	MAINTENANCE STEP ASSEMBLY
			1					D4130-1	FWD CABIN FLOOR PROTECTOR
			1					D4130-3	AFT CABIN FLOOR PROTECTOR
		1						D4130-5	FWD CARGO FLOOR PROTECTOR
		1						D4130-7	CENTER CARGO FLOOR PROTECTOR
		1						D4130-9	AFT CARGO FLOOR PROTECTOR
		1						D4153-1	JOGGLE BRACKET
		1						D4153-3	JOGGLE BRACKET
			4					D4153-5	CLAMP PLATE
		2						D4166-1	PLACARD, MAX LOAD
				1				D4526-042	MAINTENANCE STEP ASSEMBLY, RH
					1			D5238-041	MAINTENANCE STEP ASSEMBLY
						1		D5238-042	MAINTENANCE STEP ASSEMBLY
					1	1	1	D5238-043	LOWER BRACKET, AFT
					1	1	1	D5238-045	LOWER BRACKET, FWD
					1	1	1	D5245-1	MOUNTING BOLT
					1	1	1	D5245-7	MOUNTING BOLT
2	2			2	2	2	2	AN6H12A	BOLT
2	2			2	1	1	1	AN6H13A	BOLT
6	6			6	5	5	5	NAS1149D0663J	WASHER (or AN960JD616)

REFERENCE ONLY

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Revision: 0

Date: 18.01.09

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D139-799 REV. L OR LATER APPROVED REVISION AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D139-799 REV. 11 OR LATER APPROVED REVISIONS

REF. FAA STC: SR02138SE
REF. TCCA LOA: C-11-0841
REF. EASA STC: 10038656
REF. ANAC STC: 2012S02-13
REF. JCAB STC: STC-425-TYO

REFERENCE ONLY

1.0 PURPOSE

The D5245-1 Mounting Bolt provided with kit P/Ns D139-799-211/-212/-213 at CHG 001 is too short for installation on AB/AW139 model aircraft that are SAR configured or reinforced for installation of a hoist. The purpose of this DART Service Instruction (DSI) is to add a longer bolt (P/N D5245-7) to kit P/Ns D139-799-211/-212/-213 at CHG 002 and later.

Customers who have already purchased kit P/Ns D139-799-211/-212/-213 at CHG 001 can contact DART to obtain the DSI 9761-011 Mounting Bolt Kit.

Qty -011	Part Number	Description
X	DSI 9761-011	MOUNTING BOLT KIT
1	D5245-7	MOUNTING BOLT

2.0 INSTALLATION AND MAINTENANCE

The D5245-7 Mounting Bolt installs on AB/AW139 model aircraft that are SAR configured or reinforced for installation of a hoist only. The D5245-7 Mounting Bolt should be installed and maintained in accordance with the same instructions as the D5245-1 Mounting Bolt as outlined in IIN-D139-799 and ICA-D139-799 respectively.

3.0 WEIGHT AND BALANCE

This change has a negligible effect on weight and balance.

4.0 PARTS LISTS

For D139-799-211/-212 Quick Release Maintenance Step Kits, LH/RH and D139-799-213 Quick Release Maintenance Step Provisions Kit, modify the Parts List of IIN-D139-799 and ICA-D139-799 as follows:

Qty -011	Qty -012	Qty -017	Qty -019	Qty -112	Qty -211	Qty -212	Qty -213	Part Number	Description
X								D139-799-011	MAINTENANCE STEP KIT, LH
	X							D139-799-012	MAINTENANCE STEP KIT, RH
		X						D139-799-017	CARGO FLOOR PROTECTOR KIT
			X					D139-799-019	CABIN FLOOR PROTECTOR KIT
				X				D139-799-112	MAINTENANCE STEP WITH GRAB BAR KIT, RH
					X			D139-799-211	QUICK RELEASE MAINTENANCE STEP KIT, LH
						X		D139-799-212	QUICK RELEASE MAINTENANCE STEP KIT, RH
							X	D139-799-213	QUICK RELEASE MAINTENANCE STEP PROVISIONS KIT
					1	1	1	D5245-7	MOUNTING BOLT (ADD)

REFERENCE ONLY

APPROVED

A	NEW ISSUE	ML	16.10.20
REV.	DESCRIPTION	BY	DATE
DESIGN	MB	DART AEROSPACE USA, INC.	
DRAWN	ML	EUGENE, OR	
CHECKED	AJS	DRAWING NO.	REV. A
MFG. APPR.	DD	DSI 9761	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	MOUNTING BOLT KIT	NTS
DATE	16.10.20	COPYRIGHT © 2016 BY DART AEROSPACE USA, INC.	
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Change Record

PAGE 1 OF 1

Part Number: D139-799-211/-212

Description: QUICK RELEASE MAINTENANCE STEP, LH/RH

[illegible]